



PROJECT REPORT

**Integrated Development Environment Application  
With Word and Syntax Checker Facility**

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06.02.0001  
2010

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# APPROVAL AND RATIFICATION PAGE

## PROJECT REPORT

### Integrated Development Environment Application With Word and **Syntax** Checker Facility

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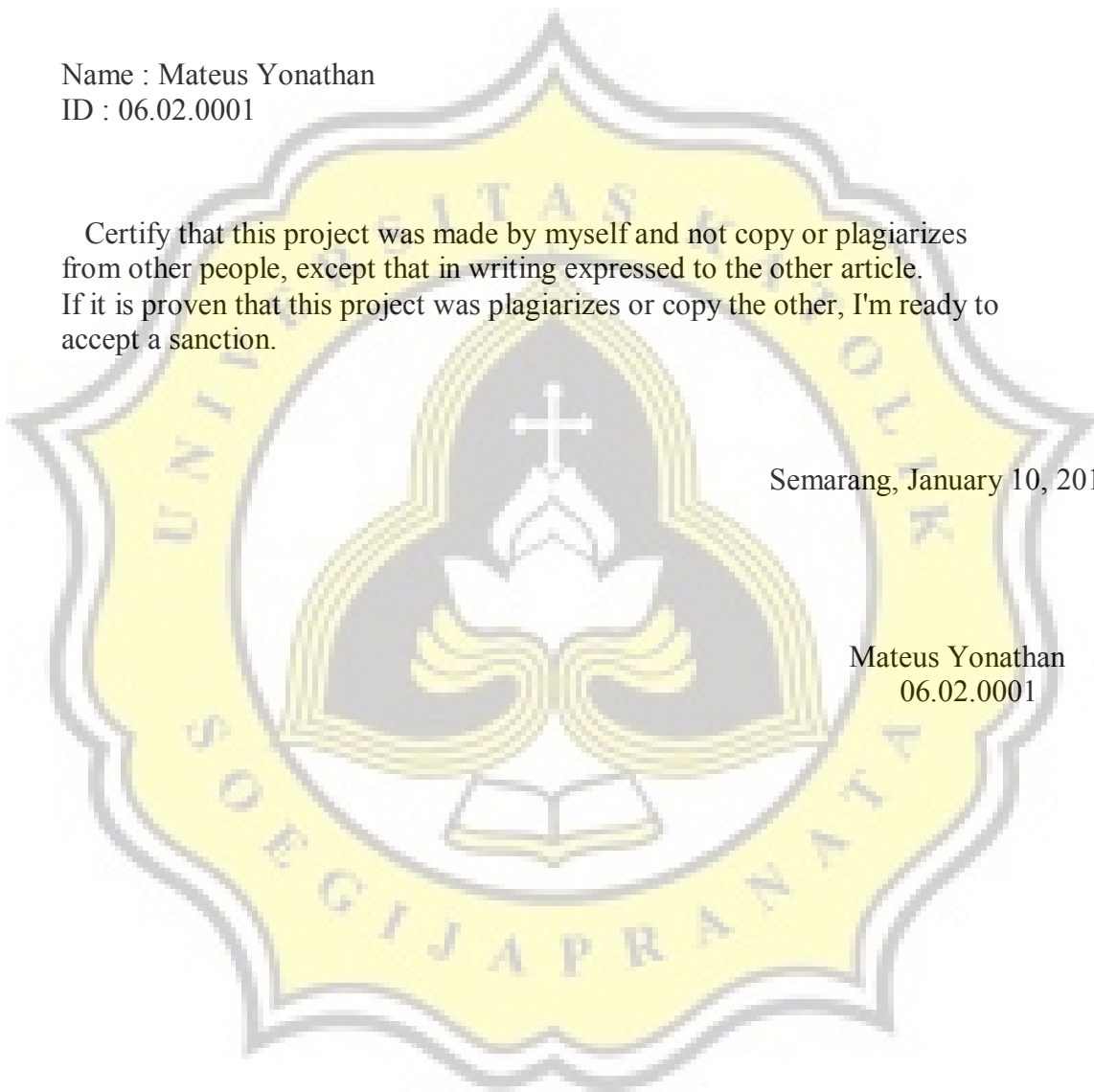
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Certify that this project was made by myself and not copy or plagiarizes from other people, except that in writing expressed to the other article. If it is proven that this project was plagiarizes or copy the other, I'm ready to accept a sanction.

Semarang, January 10, 2010

Mateus Yonathan  
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## FOREWORD

*Thanks to God: Father, Son, and Holy Ghost for the bless, I have been completed this project with title: Integrated Development Environment Application With Word and Syntax Checker Facility.*

*In this opportunity, I would thank to:*

- 1. My Mother in heaven.*
- 2. St Jude, cause i have make devotion to him, great in virtue, and rich in miracle.*
- 3. My parent, Vincentius B.A, my sister Anastasia and Katarina, and my brother Marsel.*
- 4. Mr Robertus Aji as my supervisor, for his advice, and ideas that inspired me.*
- 5. All lecturers of Faculty of Computer Science, mr. Marlon, mrs. Rosita, mr. Aji, mr. Suyanto, and mr. Gregorius for their help and advice in programming.*
- 6. Indian guy (he is a lecturer in Stanford University) who teach me object conceptual programming.*
- 7. All my friends in campus ministry, brother and sister, especially sister Ani and Ninfa.*

*Finally, I apologize because this project is not perfect, there still some bugs but I hope this project can inspire other students to make better projects. I'll receive any questions and critics about this project in open arm.*

*Semarang, January 10th , 2010*

*Mateus Yonathan*

## ABSTRACT

*Integrated Development Environment application is a programming environment integrated into a software application that provides a GUI builder, a text or code editor, a compiler and/or interpreter and a debugger. Syntax checker and word suggestion also needed to assist user whenever they need to search and input some words. Lexical Tree can be used for simple word database, and with tries search algorithm word checker and suggestion problems can be solved.*

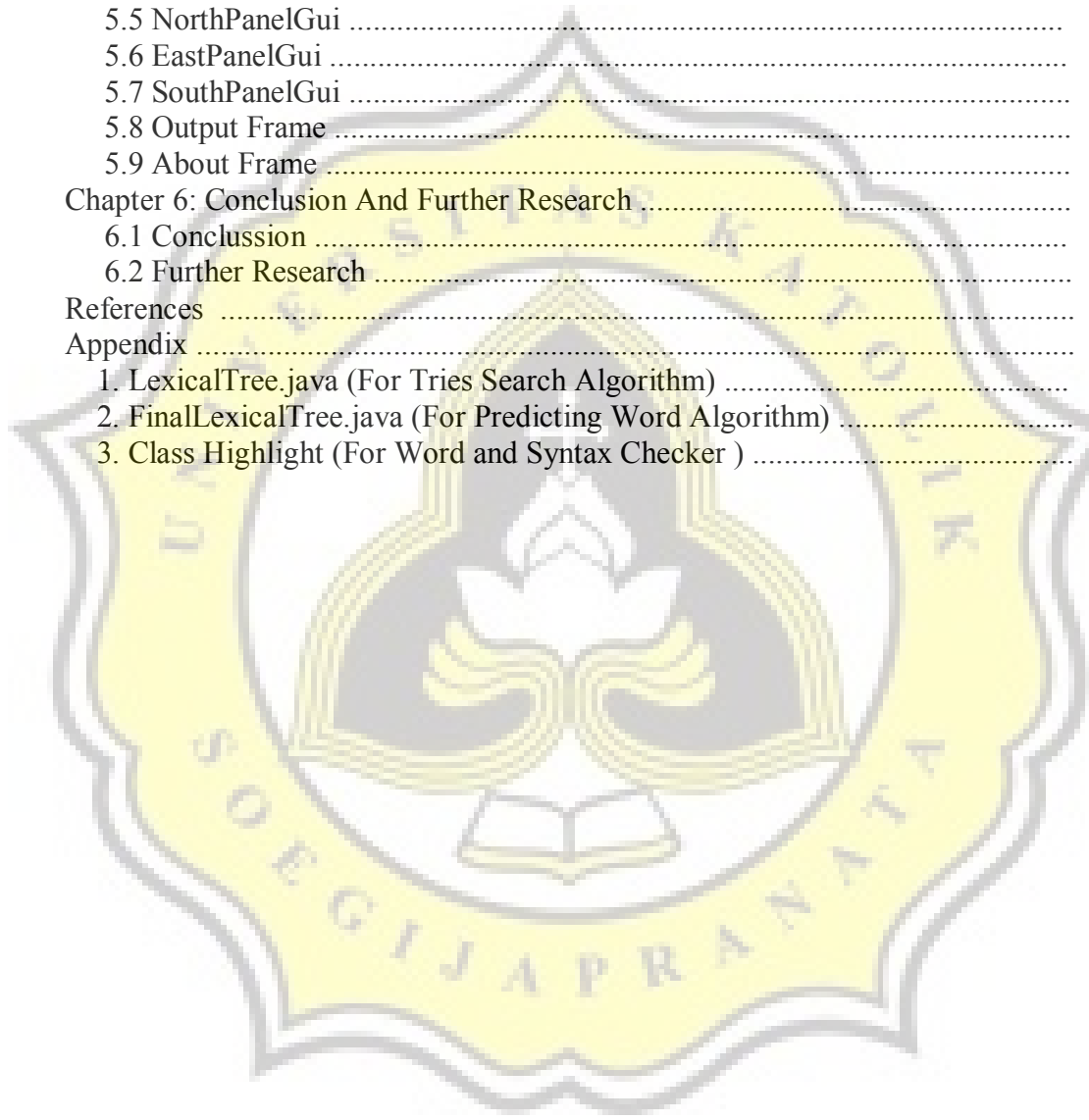
*Keyword : Integrated Development Environment, Lexical Tree, Tries Search.*



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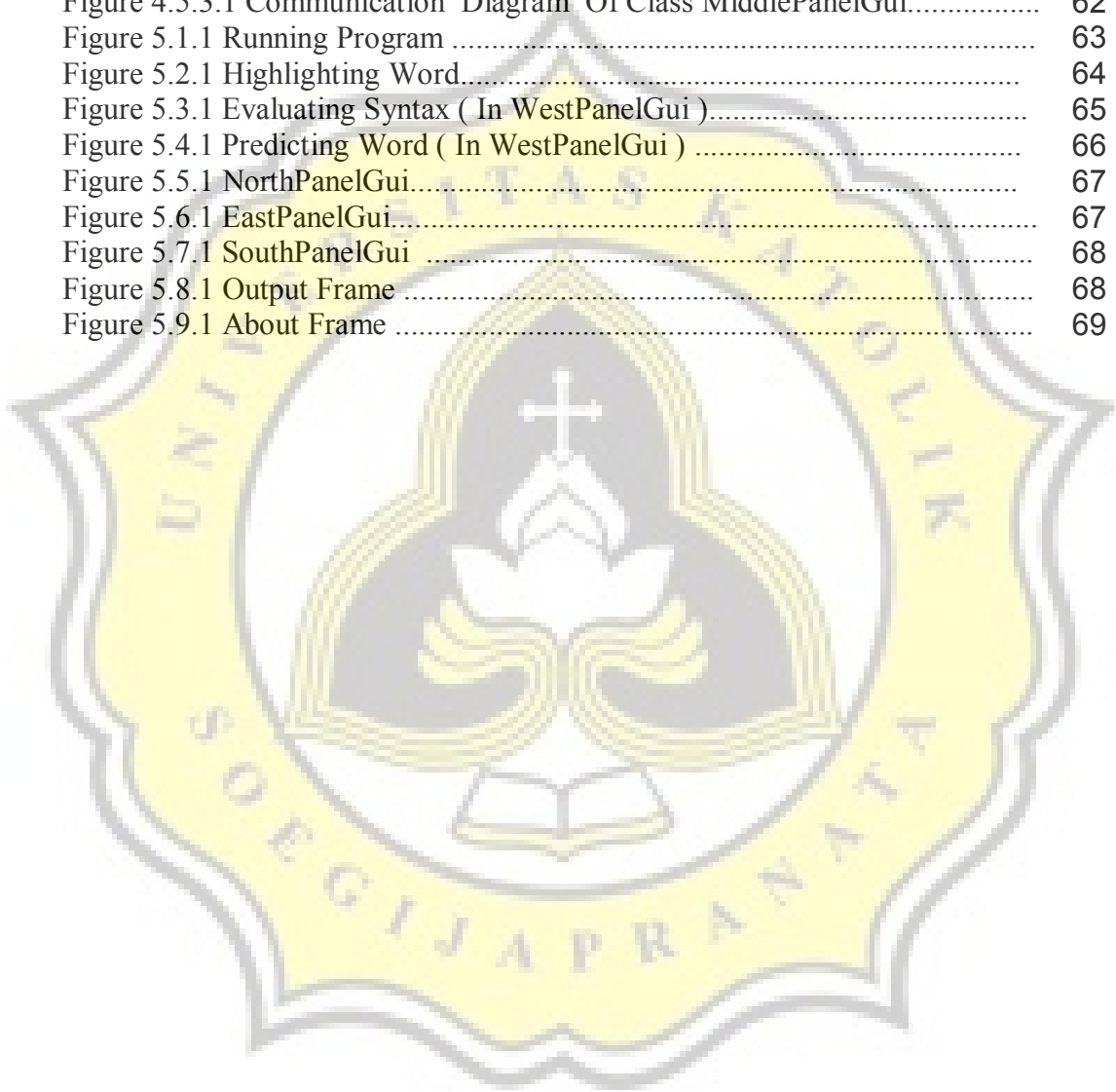
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